

Group II, claims 9 and 11, drawn to a coherent light source used for laser cooling of atoms.

For the purpose of examination of the present application, Applicants elect, with traverse, Group I, claims 1-8, 10 and 12.

The Examiner states that Inventions I and II are unrelated. Applicants strongly traverse this assertion of the Examiner. Even the Examiner, in grouping the claims states that group I concerns an "apparatus **for laser cooling of atoms**" and group II concerns "a coherent light source used **for laser cooling of atoms.**" How can it be said that the two apparatuses are unrelated? It appears abundantly evident, that both inventions relate to laser cooling of atoms, and are hence related.

Related inventions may be restricted under some specific basis, such as method of making v. product made, or combination v. sub-combination. Each basis requires a specific showing by the Examiner. If the Examiner believes that the presently related inventions are restrictable, the Examiner is asked to specify the appropriate rational for the restriction, so that the claims can be evaluated and the restriction requirement addressed.

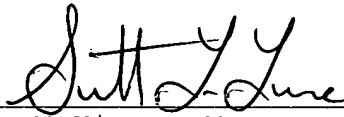
Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Scott L. Lowe (Reg. No. 41,458) at the telephone number of the undersigned below, to conduct an interview

in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees. |

Respectfully submitted,

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